

# Ion 700 Meter, pH/mV/Ion/Temp



**Brand:** Oakton  
**Product Code:** 147-04  
**Lead Time:** 21

## Description

**Features**

- Small footprint saves bench space
- Direct readout of ion concentration in ppm
- Oversized dual display for easier viewing
- Features 0.1 mV resolution for ORP measurements
- Simultaneous display of ppm and mV electrode output in the ion mode
- Selectable buffer sets and five-point pH calibration with auto buffer recognition
- Works with many ion-selective electrodes
- Built-in electrode stand
- Selectable manual or automatic temperature compensation
- Built-in memory function
- Hold function, "Ready" indicator, diagnostic messages
- Slide-out instruction card for quick reference

**Specifications**

- Measuring Parameters: pH, mV, Ion concentration, Temperature
- pH:
  - Range: -2.00 to 16
  - Resolution: 0.01
  - Accuracy:  $\pm 0.01$
  - Calibration: Up to 5 points
- Millivolt:
  - Range:  $\pm 2000$  mV
  - Resolution: 0.1 mV from  $\pm 199.9$  mV
  - Accuracy: 1 mV beyond  $\pm 199.9$  mV
  - Calibration: Offset up to  $\pm 150$  mV
- Ion:
  - Range: 0.01 - 2000 ppm
  - Resolution: 0.01 ppm / 0.1 ppm / 1 ppm
  - Accuracy:  $\pm 0.5\%$  of reading (monovalent)  $\pm 1.0\%$  of reading (divalent)
  - Calibration: From 2 to 5 points
- Temperature:
  - Range:  $0.0^{\circ}\text{C}$  -  $100.0^{\circ}\text{C}$  ( $32^{\circ}\text{F}$  -  $212^{\circ}\text{F}$ )
  - Resolution:  $0.1^{\circ}\text{C}$  ( $0.1^{\circ}\text{F}$ )
  - Accuracy:  $\pm 0.3^{\circ}\text{C}$  ( $\pm 0.5^{\circ}\text{F}$ )
  - Calibration: Offset  $0.1^{\circ}\text{C}$  Increments
  - Temperature Compensation Automatic or Manual, 0 -  $100^{\circ}\text{C}$

**Part Number**

- #147-04